

WHAT IS CLAIMED IS:

1. A developing apparatus comprising:
a rotatable, developer carrying body for
carrying a one-component developer;
5 a rotatable, agitating member for agitating the
one-component developer,
wherein said one-component developer is
magnetic toner at least containing a bonding resin
and magnetic iron oxide,
10 wherein, when wettability of the magnetic toner
relative to a mixture solution of methanol and water
is measured at transmittance of light having a
wavelength of 780 nm, a methanol concentration at the
transmittance of 80% is within the range of 45 to 65
15 volume%, and
wherein $0.1 \leq b/a \leq 0.2$ is established where a
(rps) denotes a rotation speed of said developer
carrying body, and b (rps) denotes a rotation speed
of said agitating member.
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2. A developing apparatus according to claim 1,
wherein the rotation speed b (rps) of said agitating
member is constant relative to the rotation speed a
(rps) of said developer carrying body.
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3. A developing apparatus according to claim 1,

wherein the bonding resin contains a polyester resin.

4. A developing apparatus according to claim 1,
wherein, when the wettability of the magnetic toner
5 relative to the mixture solution of methanol and
water is measured at the transmittance of light
having a wavelength of 780 nm, the methanol
concentration at the transmittance of 10% is within
the range of 45 to 65 volume%.

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5. A developing apparatus according to claim 1,
wherein a plurality of said agitating members are
provided; and wherein a rotation radius of said
agitating member closest to said developer carrying
15 body is greater than a rotation radius of said
developer carrying body, and a rotation speed of said
agitating member is b (rps).

6. A developing apparatus according to claim 1,
20 wherein said agitating member includes a rotation
shaft and a flexible sheet member.

7. A developing apparatus according to claim 1,
further comprising:
25 a developer container in which the developer is
contained,

wherein said agitating member is provided in said developer container.

8. A developing apparatus according to claim 1,
5 which is detachable to a main body of an image forming apparatus.

9. A developing apparatus according to claim 1,
wherein the rotation radius of said agitating member
10 is greater the rotation radius of said developer carrying body.

10. A developing apparatus according to claim 1 or 9, wherein the rotation radius of said agitating
15 member is smaller than seven times of the rotation radius of said developer carrying body.

11. A developing apparatus according to claim 1, which is mounted to a process cartridge detachable to
20 a main body of an image forming apparatus, together with an image bearing body that said developing apparatus acts to.

12. A developing apparatus according to claim 1,
25 which is mounted to an image forming apparatus, together with an image bearing body that said developing apparatus acts to.